

Science Ice breakers

Outline the structure of the PGCE science course

Reflect on the purpose of a range of activities and what is learnt.

Meet the PGCE science cohort

Modules on the PGCE course

- ▶ In University
- ▶ General professional studies
 - Lectures K217/222
 - Workshops in workshop groups (rooms tbc)
 - Assessment Tutorials (x3) and professional studies essay.

Subject pedagogy science

- Lectures L102, physics practicals– L102; biology/chemistry practicals M201
- Assessment Reflective journal entries (x4 in total 80% weighting)
- Subject knowledge audits (x3 in total 20% weighting).

Modules on the PGCE course

- ▶ In University
- ▶ Investigating teaching and learning Masters module 1
 - Lectures 4 x 1 hour lectures in L102
 - Assessment Masters level Essay

Supporting learning Masters module 2

- Lectures 4 x 1 hour lectures in L102
- Assessment Masters level Essay

Modules on the PGCE course

- ▶ In school placements
- ▶ School experience Foundation phase |(Dec) Development phase (March) Consolidation phase (May)

–Termly documentation

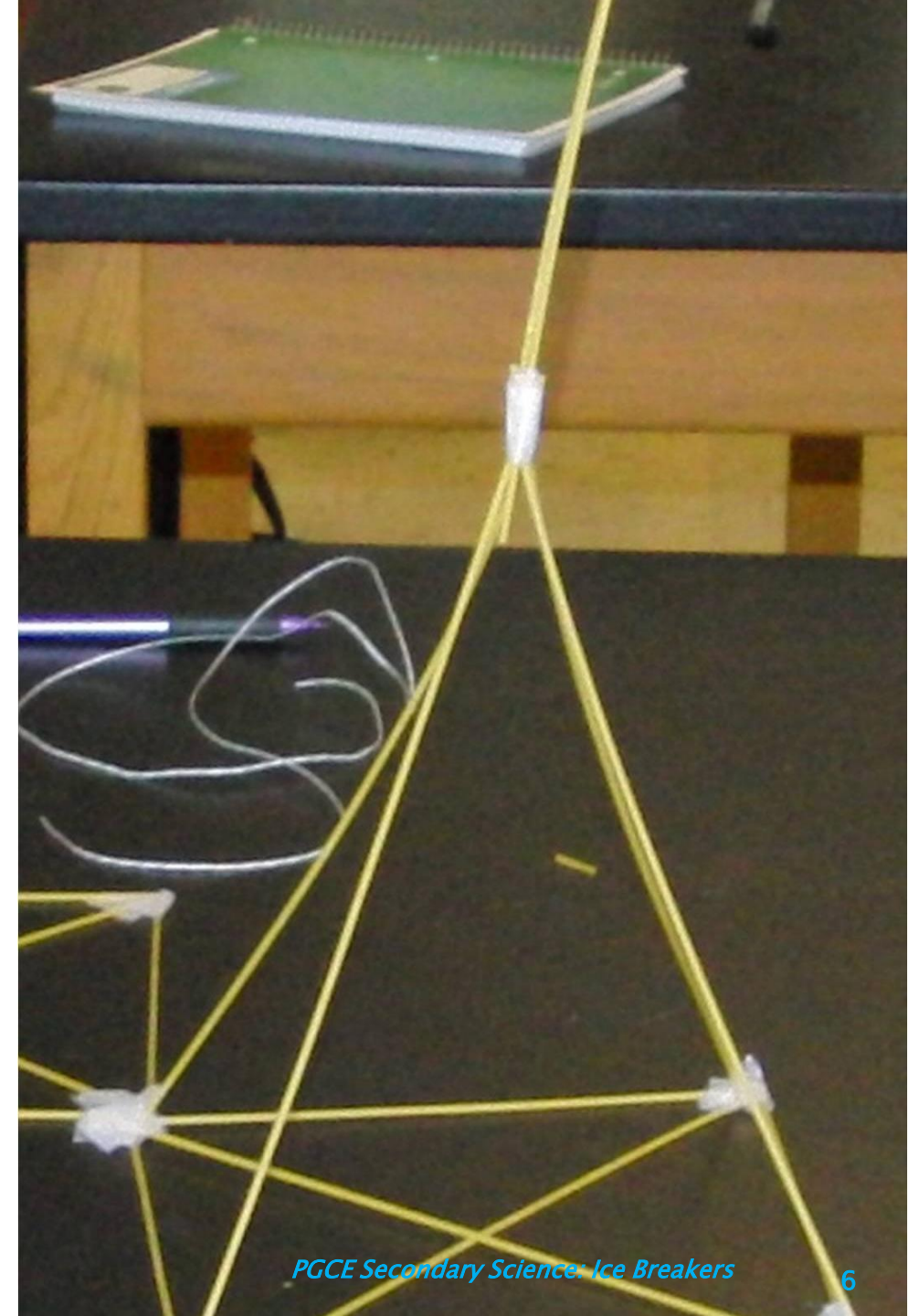
Progress record – written by you and your mentor

Portfolio of evidence– written by you

Where to find science resources in September

- ▶ <https://mymodules.stmarys.ac.uk/course/view.php?id=33671>
- ▶ Once you have registered an outline of all assessments listed in chronological order is available on the PGCE Secondary science moodle page.

Activity 1: Spaghetti towers
With the resources you have been given build the highest free-standing 3D structure.



Activity 2 Build a boat challenge




- ▶ In your teams of four you are given one sheet of paper. You need to convert it to the boat that can carry the most weight.
- ▶ You have no other equipment you can use!



WOULD I LIE
TO YOU?

Quickfire round the rules

A man with short brown hair, wearing a blue shirt and a brown jacket, is shown from the chest up. He is looking slightly to his right. Three small blue circles of increasing size lead from his mouth to a large, irregular blue cloud shape that contains text.

You have 3 minutes to write a story/fact. It can either be true or a lie. If it is a lie consider how you will pad out the story. Other people can ask questions about your story they must then vote truth or lie.

Getting to know the group.

- ▶ Order yourself in increasing order of
- ▶ Height
- ▶ Chronological order of birthday (ignore the year)
- ▶ Alphabetical order of first name (Robert would be before Robin).

How many people can you correctly name?

- ▶ Raise your hand if you think you can correctly name 5 people.
- ▶ Keep your hand up if you think you can correctly name 10.
- ▶ 12
- ▶ 15
- ▶ all

Map of St Mary's..



St Mary's
University
Twickenham
London

